(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

(10) International Publication Number WO 2005/005308 A3

(51) International Patent Classification⁷: A47C 27/14

B68G 11/04 //

(74) Agent: OSLO PATENTKONTOR AS; Postboks 7007M, N-0306 OSLO (NO).

(21) International Application Number:

PCT/NO2004/000217

(22) International Filing Date:

15 July 2004 (15.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

ZW.

(30) Priority Data: 20033208

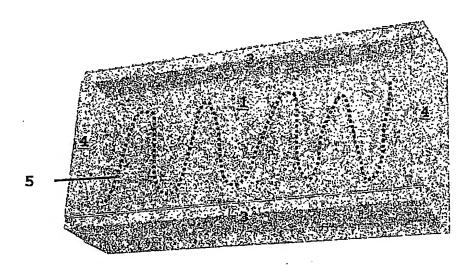
15 July 2003 (15.07.2003) NO

- (71) Applicant (for all designated States except US): WON-DERLAND AS [NO/NO]; Øran Vest, N-6300 Åndalsnes (NO).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SLETTAØYEN, Odd [NO/NO]; Postboks 104, N-6301 ÅNDALSNES (NO).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: PROCESS FOR PRODUCING A MATTRESS



(57) Abstract: The present invention relates to process for the manufacturing of mattresses characterised in that a liquid jointing substance (1,5) of the same material as the construction pieces (1,3,4,6) is used in all the joints between the pieces. The process comprises steps wherein: the bottom piece (1) is laid out; a moulding substance (2) is applied to the longitudinal edges (3) and cross edges (4) on one surface side of the bottom piece (1); the longitudinal pieces (3) and cross pieces (4) are lowered into a moulding substance (2) and hardened; the moulding substance (5) is applied on the same surface side of the bottom piece (1) between the longitudinal pieces (3) and cross pieces (4); a core (6) is lowered into the moulding substance (5) and hardened; and the top piece (7) is provided with moulding substance (5) and turned with the moulding substance (5) facing the named upright longitudinal pieces (3) and cross pieces (4) and lowered onto the same and hardened.



4

WO 2005/005308 A3



Declarations under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GII, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE.

IT. LU. MC. NL, PL, PT, RO, SE, SI, SK, TR). OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- (88) Date of publication of the international search report:
 24 March 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.